

Amendments to the Specification

Please replace the paragraph beginning on page 4, line 9, with the following rewritten paragraph:

B1 The outer ring 10 of the bearing 11 is integrated with screw 16 of screw mechanism 3. This screw 16 is thus rotatably supported with respect to the housing 1. The nut 17 of the screw mechanism 4~~3~~ is slidably, but not rotatably connected with respect to the housing. Through the screwthreads 18, 19 and balls 20, the rotary motion of the screw 16 is converted into a linear motion of the nut 17, which is contained in a cylinder space 32 in the housing 1.

Please replace the paragraph beginning on page 4, line 26, with the following rewritten paragraph:

The ~~brake calliper~~housing 51, shown in figure 3 comprises a screw actuator having a nut 55, which by means of balls 78 rotatably supports a screw 56. The nut 55 and screw 56 have appropriately shaped scrow type grooves 81.

Please replace the paragraph beginning on page 5, line 1, with the following rewritten paragraph:

B2 Said rotor sleeve 69-63 has an outwardly extending sleeve flange, which is held between a radially inwardly extending support abutment 61 of the housing 51, as well as an outwardly extending nut flange 65.

Please replace the paragraph beginning on page 5, line 4, with the following rewritten paragraph:

Said outwardly extending nut flange 65, as well as the sleeve flange 63-64 are sitting within the bore 60 in the housing 51. The support abutment 61 extends radially inwardly with respect to the wall of the bore 60.

Please replace the paragraph beginning on page 5, line 17, with the following rewritten paragraph:

B3

As a result, the screw ~~45-56~~ is rotated and moved outwardly, so as to bring the brake pad 53 closer to brake pad 52 for exerting a braking effect on a brake disk (not shown).

Please add the Abstract as attached hereto.